

IN THE CLAIMS:

Please amend claims 1, 7, 15-17, 22-23, and 26 as follows. Please cancel claims 2, 6, 8, 12-14, 20-21, and 24-25 without prejudice or disclaimer.

1. (Currently Amended) A method, comprising:

determining a current first parameter value from an index corresponding to a first parameter, wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal and a second parameter;

adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

determining a current second parameter value from the index further corresponding to the second parameter; and

determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, ~~such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value~~ by minimizing an error between the enhanced first parameter value and a new first parameter value corresponding to the new index value such that no audible error is introduced to a new second parameter value corresponding to the new index value.

2. (Cancelled)

3. (Previously Presented) The method according to claim 1, further comprising:
replacing a current value of the index corresponding to at least the first parameter
by the determined new index value.

4. (Previously Presented) The method according to claim 1, further comprising:
detecting a current background noise parameter index value; and
determining a new background noise parameter index value corresponding to the
first enhanced characteristic.

5. (Previously Presented) The method according to claim 1, further comprising:
determining the new index value from the table such that a substantial match of
the current second parameter value has precedence.

6. (Cancelled)

7. (Currently Amended) An apparatus, comprising:
a parameter value determiner configured to determine a current first parameter
value from an index corresponding to a first parameter and determine a current second
parameter value from the index further corresponding to a second parameter, wherein a

coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal and the second parameter;

an adjuster configured to adjust the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value; and

an index value determiner configured to determine a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, ~~wherein a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value~~ by minimizing an error between the enhanced first parameter value and a new first parameter value corresponding to the new index value such that no audible error is introduced to a new second parameter value corresponding to the new index value.

8. (Cancelled)

9. (Previously Presented) The apparatus according to claim 7, further comprising:

a replacer configured to replace a current value of the index corresponding to at least the first parameter by the determined new index value.

10. (Previously Presented) The apparatus according to claim 7, further comprising:
a detector configured to detect a current background noise parameter index value;
and
a determiner configured to determine a new background noise parameter index value corresponding to the enhanced first characteristic.

11. (Previously Presented) The apparatus according to claim 7, wherein the index value determiner is configured to determine the new index value from the table such that substantially matching the current second parameter value has precedence.

12-14. (Cancelled)

15. (Currently Amended) A method, comprising:
determining a current first parameter value from an index corresponding to a first parameter, wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal, a second parameter and a background noise parameter;

adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

determining a current second parameter value from the index further corresponding to the second parameter;

determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, ~~such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value~~ by minimizing an error between the enhanced first parameter value and a new first parameter value corresponding to the new index value such that no audible error is introduced to a new second parameter value corresponding to the new index value;

detecting a current background noise parameter index value; and

determining a new background noise parameter index value corresponding to the enhanced first characteristic.

16. (Currently Amended) An apparatus, comprising:

parameter value determination means for determining a current first parameter value from an index corresponding to a first parameter and for determining a current second parameter value from the index further corresponding to a second parameter, wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal, the second parameter and a background noise parameter;

adjusting means for adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

index value determination means for determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, ~~such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value~~ by minimizing an error between the enhanced first parameter value and a new first parameter value corresponding to the new index value such that no audible error is introduced to a new second parameter value corresponding to the new index value;

detecting means for detecting a current background noise parameter index value;
and

determining means for determining a new background noise parameter index value corresponding to the enhanced first characteristic.

17. (Currently Amended) A computer program embodied on a computer-readable medium comprising a program code configured to control a processor to execute a process of enhancing a coded audio signal comprising indices which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal and a second parameter, the process comprising:

determining a current first parameter value from an index corresponding to a first parameter;

adjusting the current first parameter value in order to achieve an enhanced first

characteristic, thereby obtaining an enhanced first parameter value;

determining a current second parameter value from the index further corresponding to a second parameter; and

determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, ~~such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value~~ by minimizing an error between the enhanced first parameter value and a new first parameter value corresponding to the new index value such that no audible error is introduced to a new second parameter value corresponding to the new index value.

18. (Cancelled)

19. (Previously Presented) The computer program according to claim 17, wherein said computer program is directly loadable into an internal memory of the computer.

20. (Cancelled)

21 (Cancelled)

22. (Currently Amended) A computer program embodied on a computer-readable medium comprising a program code configured to control a processor to execute a process of enhancing a coded audio signal comprising indices which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal, a second parameter and a background noise parameter, the process comprising:

determining a current first parameter value from an index corresponding to a first parameter;

adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

determining a current second parameter value from the index further corresponding to a second parameter;

determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, ~~such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value~~ by minimizing an error between the enhanced first parameter value and a new first parameter value corresponding to the new index value such that no audible error is introduced to a new second parameter value corresponding to the new index value;

detecting a current background noise parameter index value; and
determining a new background noise parameter index value corresponding to the enhanced first characteristic.

23. (Currently Amended) An apparatus, comprising:

parameter value determination means for determining a current first parameter value from an index corresponding to a first parameter and determining a current second parameter value from the index further corresponding to a second parameter, wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal and the second parameter;

adjusting means for adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value; and

index value determination means for determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, ~~wherein a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value~~ by minimizing an error between the enhanced first parameter value and a new first parameter value corresponding to the new index value such that no audible error is introduced to a new second parameter value corresponding to the new index value.

24-25. (Cancelled)

26. (Currently Amended) An apparatus, comprising:

a parameter value determiner configured to determine a current first parameter value from an index corresponding to a first parameter and determine a current second parameter value from the index further corresponding to a second parameter, wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal, the second parameter and a background noise parameter;

an adjuster configured to adjust the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

an index value determiner configured to determine a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, ~~such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value~~ by minimizing an error between the enhanced first parameter value and a new first parameter value corresponding to the new index value such that no audible error is introduced to a new second parameter value corresponding to the new index value;

a detector configured to detect a current background noise parameter index value;
and
a determiner configured to determine a new background noise parameter index value corresponding to the enhanced first characteristic.